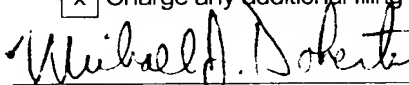
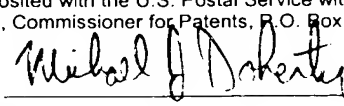


1763

SEP 17 2003

<b>AMENDMENT TRANSMITTAL LETTER</b>			Docket No. EMCORE 3.0-069	
Application No. 10/046,426	Filing Date January 16, 2002	Examiner K. Moore	Art Unit 1763	
Applicant(s): Alexander Gurary, Scott Elman, Keng Moy, and Vadim Boguslavskiy				
Invention: REACTOR HAVING A MOVABLE SHUTTER				
<b>TO THE COMMISSIONER FOR PATENTS</b>				
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.				
<b>CLAIMS AS AMENDED</b>				
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate
<b>Total Claims</b>	24	- 32 =		x
<b>Independent Claims</b>	3	- 3 =		x
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>				
Other fee (please specify):				
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>				0.00
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity				
<input checked="" type="checkbox"/> No additional fee is required for this amendment.				
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.				
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.				
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.				
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>12-1095</u> as described below. A duplicate copy of this sheet is enclosed.				
<input checked="" type="checkbox"/> Credit any overpayment.				
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.				
 Michael J. Doherty Attorney Reg. No.: 40,592			Dated: <u>September 17, 2003</u>	
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP 600 South Avenue West Westfield, New Jersey 07090 (908) 518-6337				
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.				
Dated. September 17, 2003		Signature:  (Michael J. Doherty)		

RECEIVED  
 SEP 29 2003  
 GROUP 1700

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: September 17, 2003 Signature: Michael J. Doherty

(Michael J. Doherty)

Docket No.: EMCORE 3.0-069  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Gurary et al.

Application No.: 10/046,426

Filed: January 16, 2002

For: REACTOR HAVING A MOVABLE SHUTTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

:  
:  
:  
:  
: Group Art Unit: 1763

: Examiner: K. Moore  
:  
:

AMENDMENT

Dear Sir:

In response to the Office Action mailed June 18, 2003,  
please amend the above-identified application as follows:

RECEIVED  
SEP 29 2003  
GROUP 1700